

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

SUBJECT: Lithium Reanalysis – HW24 18 July 2012
Dimock, PA

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Samples initially collected from residential wells in Dimock during Weeks 1 through 4 were recently reanalyzed to achieve lower detection limits for lithium. Findings for HW24 are presented below.

Lithium

Lithium was reported in wellhead and tap samples collected from HW24 (unfiltered and filtered) at concentrations of 201 to 211.1 ug/L. These concentrations exceed lithium's risk-based screening level of 31 ug/L; long-term exposure to the maximum unfiltered tap concentration of lithium (208.8 ug/L) would generate a Hazard Quotient of 6.7. Under acute exposure conditions, ATSDR has suggested a screening concentration of 1500 ug/L for lithium in drinking water.



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